



NOCTUA NH-U12S chromax.black

U-Type Premium Cooler

The NH-U12S chromax.black is an all-black version of Noctua's award-winning NH-U12S premium-quality quiet CPU cooler. Thanks to the same proven slim-tower heatsink design and NF-F12 PWM fan, it stays true to the NH-U12S's successful formula of fusing excellent cooling performance with superb quietness of operation and outstanding RAM, case and PCIe compatibility. At the same time, the chromax.black version with its black fan and black coated heatsink combines these assets with a sleek stealth look. Topped off with the renowned SecuFirm2™ multi-socket mounting system, Noctua's enthusiast-grade NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U12S chromax.black is a premium choice for customers who seek a highly compatible 120mm heatsink that looks just as great as it cools.

Award-winning NH-U12S cooler

Tens of thousands of enthusiast users all over the world swear by the NH-U12S's quality and performance. Recommended by more than 200 international hardware websites and magazines, it is renowned as being one of the best 120mm coolers on the market.

chromax.black design

The NH-U12S chromax.black is black from head to toe: Featuring a black coated heatsink, a black fan with black anti-vibration-pads, black fan clips and black mounting parts, it's right at home in all-black builds and easy to integrate with other colour schemes.

Colour-customisable

Using the optional NA-HC1 and NA-HC2 heatsink covers as well as the NA-SAVP1 anti-vibration pads (available in black, blue, green, red, yellow, white), the NH-U12S chromax.black can be fully customised to fit popular build colour schemes such as black and red or black and white.

6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-F12 features an MTTF rating of more than 150,000 hours and the entire NH-U12S package comes with a full 6-year manufacturer's warranty.

NH-U12S HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1700 (LGA17xx family), LGA1200, LGA115x (LGA1150, LGA1151, LGA1155, LGA1156) and LGA20xx (LGA2066, LGA2011-0 & LGA2011-3 Square ILM)
Dimensions	158x125x45 mm
Dimensions with NF-F12 PWM	158x125x71 mm
Weight	580 g
Weight with NF-F12 PWM	755 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25 mm

NF-F12 PWM FAN SPECIFICATIONS

Size	120x120x25 mm	
Connector	4-pin PWM	
Bearing	SSO2	
Blade geometry	Heptaper™	
Frame technology	Focused Flow™	
Max. input power	0.6 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-F12 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	1500 RPM	1200 RPM
Max. airflow	93.4 m³/h	74.3 m³/h
Max. acoustical noise	22.4 dB(A)	18.6 dB(A)
Max. static pressure	2.61 mmH₂O	1.83 mmH₂O

LOGISTIC DATA

Product name	Noctua NH-U12S chromax.black
EAN	9010018000177
UPC	841501100178
Packaging dimensions (HxWxD)	212x169x145 mm
Weight incl. packaging	1442 g
Warranty	6 years
Packaging unit	12 pcs
Packaging dimensions / unit (HxWxD)	460x355x440 mm
Weight incl. packaging / unit	18.50 kg

SCOPE OF DELIVERY

- Black NH-U12 heatsink
- NF-F12 PWM chromax.black premium fan
- Low-Noise Adaptor (L.N.A)
- NT-H1 thermal compound
- Black SecuFirm2™ mounting-kit
- Black anti-vibration pads and fan clips for second NF-F12 fan
- Noctua metal case-badge

